

*Recd* a capacitor for charging said chargeable battery connected to a second end of said voltage transformer wherein the maximum voltage of said capacitor has a value which is greater than a maximum voltage of said battery.

*Sub A* 4. A device according to Claim 3, wherein said capacitor is maximally discharged until the voltage of said capacitor is equal to the ~~value~~ of the actual voltage of the battery.

5. A method for supplying electricity to a motor vehicle, comprised the steps of:

providing a rechargeable battery having a nominal voltage;  
providing an energy accumulator having a maximum voltage which substantially exceeds said nominal voltage;  
maximally discharging said energy accumulator until the voltage of said accumulator is substantially equal to said nominal voltage of said rechargeable battery.

6. A battery recharging system for improving the service ~~life~~ of a rechargeable battery, said system comprising:

energy accumulator means having a first nominal voltage greater than a maximum voltage of said rechargeable battery;  
means connected between said energy accumulator and said rechargeable battery for discharging said energy accumulator by a voltage decreasing transformation until said first nominal voltage has been reduced to a voltage having a value substantially equal to the maximum voltage of said rechargeable battery.--

IN THE ABSTRACT: